



Supporting Information

for

Wet chemistry route for the decoration of carbon nanotubes with iron oxide nanoparticles for gas sensing

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Effect of deposition technique on decorated carbon nanotube morphology

As mentioned in the experimental part of the work, there were two methods for deposition of CNTs layer. The first approach, using drop by drop technique, lead to a non-homogeneous thick layer, while the second approach, using air-brushing technique, lead to a more homogeneous thin layer. The different morphologies obtained for both approaches can be seen in Figure S1.

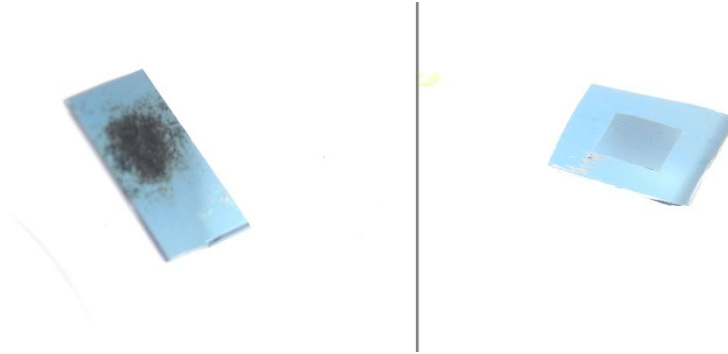


Figure S1: CNTs layer deposited with different morphology; thick layer resulting from first approach (a) and thin layer resulting from second approach (b).